

<u>CONFINED SPACES SURVEY</u>						
Original Survey 11/96; Updated 8/2000, 7/02, 3/03 & 8/03						
BLDG	LOCATION	HAZARDS	CS ?	PRCS ?	ALT - PRCS ?	RECOMMENDATIONS / COMMENTS
ALL	AIR HANDLERS (Crawl Inside)	Environmental - Noise, Contact With - Electrical, Struck By - Flying Debris	YES	NO	N/A	Eye Protection
ALL	AIR HANDLERS (Walk-In)	Environmental - Noise, Contact With - Electrical, Struck By - Flying Debris	NO	N/A	N/A	Eye Protection
113898	ARCHIVES and HISTORY CENTER, ENERGY FACILITY - BACKFLOW PREVENTER PIT	Environmental - Lack of Oxygen, Contact With - Water, Fall to Below = 6.5'	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
113898	ARCHIVES and HISTORY CENTER, ENERGY FACILITY - BOILERS (2, MEDIUM)	Environmental - Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door
100302	BLATT BLDG. - Two manholes to roof drainage system (location: in top level planters along Pendleton St. from the building's main entrance toward Assembly St.)	Environmental - Lack of Oxygen, Contact With - Water, Fall to Below > 10'	YES	YES	Unkown	Not Surveyed. GSD employees not required to enter.
100303	BROWN BLDG. - BACKFLOW PREVENTER PIT (NW corner near intersection of Pendleton & Sumter Streets)	Environmental - Lack of Oxygen, Contact With - Water, Fall to Below > 10'	YES	YES	YES	Gas Monitor, LOTO, Ladder, Rescue Tripod System
100303	BROWN BLDG. - Manhole to roof drainage system (location: the most Western top-level planter along Pendleton St.)	Environmental - Lack of Oxygen, Contact With - Water, Fall to Below > 10'	YES	YES	Unkown	Not Surveyed. GSD employees not required to enter.
104561	CALDWELL-BOYLSTON HOUSE, ATTIC	Environmental - Natural Gas, Heat	NO	N/A	N/A	LOTO
110708	COLUMBIA MILLS BLDG, ENERGY FACILITY - BOILERS (2)	Environmental - Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door
110708	COLUMBIA MILLS BLDG, ENERGY FACILITY - CENTER BACKFLOW PREVENTER PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 5' 5"	YES	YES	YES (ONLY FOR INSPECTION FROM OUTSIDE)	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
110708	COLUMBIA MILLS BLDG, ENERGY FACILITY - NORTH BACKFLOW PREVENTER PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 5' 4"	YES	YES	YES (ONLY FOR INSPECTION FROM OUTSIDE)	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
110708	COLUMBIA MILLS BLDG, ENERGY FACILITY - SOUTH BACKFLOW PREVENTER PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 4' 8"	YES	YES	YES (ONLY FOR INSPECTION FROM OUTSIDE)	Gas Monitor, LOTO (applied in PRCS), Ladder
110708	COLUMBIA MILLS BLDG, MAIN ELECTRICAL ROOM - PIT	Contact With - Water, Steam; Fall to Below = 4'	YES	NO	N/A	Gas Monitor, LOTO, Ladder
ALL	COOLING TOWERS	Contact With - Water, Environmental - Bacteria, Molds	YES	NO	N/A	Gas Monitor, Slip Resistant Soled Footwear
113943	DATA CENTER BLDG - BACKFLOW PREVENTER PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 4' 8"	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder
113943	DATA CENTER BLDG - FIRE SERVICE PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 4' 8"	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder

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100340	DAVID BLDG - BACKFLOW PREVENTER PIT	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 7' 4"	YES	YES	YES (ONLY AFTER LO/TO and OPEN ALL DOORS)	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
100340	DAVID BLDG - ELEVATOR PITs (2)	Environmental - Electrical, Contact With - Water, Fall to Below = 5'	YES	NO	N/A	Gas Monitor, LOTO
100287	DENNIS BLDG - CRAWL SPACES BEHIND EACH BATHROOM (16)	Environmental - Lack Oxygen, Electrical; Contact With -Water, Human Waste	YES	NO	N/A	Gas Monitor, LOTO
100287	DENNIS BLDG - BACKFLOW PREVENTOR PIT (located at Northwest corner near intersection of Assembly & Senate Streets)	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 35"	YES	YES	CONDITIONAL	Permit not required IF remove entire cover plate prior to entry. Gas Monitor, LOTO (applied in PRCS), Ladder
100287	DENNIS BLDG - BACKFLOW PREVENTOR PIT (located on North side of stairwell from McEachern Parking Facility; between the Dennis Bldg. & Statehouse)	Environmental - Lack Oxygen, Contact With - Water, Fall to Below = 4' 11"	YES	YES	CONDITIONAL	Permit not required IF remove entire cover plate prior to entry. Gas Monitor, LOTO (applied in PRCS), Ladder
100415	FIVE POINTS BLDG - ELEVATOR PITs	Environmental - Electrical, Fall to Below = 13'	YES	NO	N/A	Gas Monitor, LOTO
100410	FM ENERGY FACILITY BLDG - BOILERS (2)	Environmental -Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door
100410	FM ENERGY FACILITY BLDG (to McEACHERN PARKING FACILITY) - TUNNEL	Environmental -Carbon Monoxide (Lack Oxygen); Contact With -Steam, Water; Environmental - Electricity, Heat	YES	YES	YES	Gas Monitor, LOTO
113900	FM MECH/CUSTODIAL BLDG, BASEMENT - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	NO	N/A	N/A	LOTO (Too small to bodily enter)
800038	GOVERNOR's MANSION COMPLEX (MISCELLANEOUS STRUCTURES) - FOUNTAIN PIT*	Contact With - Water, Environmental -Gas, Lack Oxygen; Fall to Below = 9'	YES	NO	N/A	
100314	GOVERNOR'S MANSION, BASEMENT - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	NO	N/A	N/A	LOTO (Too small to bodily enter)
110713	GRESSETTE-COLLINS BLDG - BACKFLOW PREVENTER PIT	Environmental -Carbon Monoxide (Lack Oxygen), Contact With - Water; Fall to Below = 5' 3"	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
100414	HAYNE LABORATORY BLDG - VERTICAL CHASES (24)*	Environmental - Gas, Electrical; Contact With Water, Lab Wastes; Fall to Below => 50'	*	*	N/A	* Technically, since re-configured, these are no longer Confined Spaces but procedure is to treat as such: Gas Monitor, LOTO (applied in PRCS); Hard Hat for persons below workers above; Fall Positioning equipment, as required; Open doors for Ventilation. Ladder/Platform system hinders rescue.
100414	HAYNE LABORATORY BLDG, BASEMENT - BOILERS (2)	Environmental -Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door

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100347	JOB SERVICE BLDG, 1st FLOOR - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	NO	N/A	N/A	LOTO (Too small to bodily enter)
100313	LACE HOUSE-ATTIC	Environmental - Gas	NO	N/A	N/A	LOTO
100289	McEACHERN PARKING FACILITY - 2 MANHOLES (SUMP PUMPS)	Environmental - Gas, Contact With -Water, Electrical; Fall to Below > 5'	YES	YES	CONDITIONAL	Gas Monitor, LOTO, PPE. May use Alt-PRCS for top chamber only. PRCS required for entry to bottom chamber and when exit from top chamber is restricted by obstacles such as when replacing a pump.
110707	MILLS-JARRETT BLDG - BACKFLOW PREVENTER PIT	Environmental -Carbon Monoxide (Lack Oxygen), CW-Water, FB=5'8"	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
100342	RUTLEDGE BLDG, PEHNTHOUSE - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used
100342	RUTLEDGE BLDG, PENTHOUSE - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	NO	N/A	N/A	Only entered when fully shutdown/LOTO and fully opened (rear plate and ports); NO entry made through inspection port
100411	SENATE ST. BLDG, BASEMENT - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	NO	N/A	N/A	LOTO (Too small to bodily enter)
100411	SENATE ST. BLDG, SUB-BASEMENT - BOILER	Environmental -Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door
100333	SIMS-AYCOCK BLDG - BOILERS (2)	Environmental -Carbon Monoxide (Lack Oxygen)	YES	YES	YES	Gas monitor; only enter when fully shutdown/LOTO used; PRCS when enter through Inspection door
107892	STATE HOUSE (to WADE HAMPTON - Rectangular) TUNNEL (NEW-)	Environmental - Lack Oxygen; Contact With - Water; Environmental - Electrical	YES	YES	YES	Gas Monitor, LOTO
107892	STATE HOUSE (to WADE HAMPTON) - TUNNEL (OLD-Oval)	Environmental - Lack Oxygen; Contact With - Water, Steam; Environmental - Electrical	YES	YES	YES	Gas Monitor, LOTO
107892	STATE HOUSE BLDG, UTILITY SPACE (UNDER AHU-9)	Fall to Below = > 10' if step through ceiling	YES	NO	N/A	11"x21" entryway, no ladder, no catwalk
107892	STATE HOUSE BLDG, UTILITY SPACE (Attic, Level 1 Dome)	Fall to Below = 5' 6"; Contact With - Low ceiling structures	NO	NO	N/A	Bump cap. 2 horizontal chases around dome base for light replacement; each chase has hatch entrance and fixed ladders at each end.
107892	STATE HOUSE BLDG, UTILITY SPACE (UNDER FOUNDATION)	Fall to Below = 5' - 6"; Contact With - Pipes, Ducts; Environmental - Electricity, Steam	YES	NO	N/A	Gas Monitor, LOTO
100412	STATE LIBRARY BLDG, SUB-BASEMENT	Environmental - Gas; Contact With - Water, Electrical; Fall to Below = 11'	YES	NO	N/A	Gas Monitor, LOTO
104178	SUMTER ST. BLDG, BASEMENT - PIT	Contact With - Water, Steam; Environmental - Electricity; Fall to Below = 4'	YES	NO	N/A	Gas Monitor, LOTO, Ladder

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100393	SUPREME COURT BLDG - BACKFLOW PREVENTER PIT (SW CORNER)	Environmental - Lack Oxygen; Contact With - Water; Fall to Below = 5' 8"	YES	YES	NO	Gas Monitor, LOTO (applied in PRCS), Ladder, Rescue Tripod System
100300	WADE HAMPTON BLDG - MECHANICAL ROOM HORIZONTAL PIPE CHASE	Contact With - Asbestos, Steam	YES	YES	YES	Gas Monitor
100076	WORLD WAR MEMORIAL BLDG - PIT (SE CORNER)-	Fall to Below - 6'; Contact With - Steam	YES	YES	YES	Gas Monitor. Rescue tripod system not effective

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